

Page 26, lines 16-17, please change "U.S. Patent Application having Serial Number xx/xxx,xxx, (Attorney Docket Number P67 41736)" to - - U.S. Patent No. 6,136,541 - -.

Page 43, lines 4-5, please change "U.S. Patent Application xx/xxx,xxx, (Attorney Docket Number P67 41854)" to - - U.S. Patent No. 6,142,681 - -.

**IN THE CLAIMS**

Cancel claims 1 and 2.

Please add new claims 3 and 4.

A1  
3. In a method for determining the viral load from a patient, an improvement comprising:

determining the viral load based upon a microarray output pattern generated from a biological sample taken from the patient.

4. A method of tracking viral load levels from a single source by analyzing microarray output patterns generated from samples taken from the source at different sampling times and for use with a viral diffusion curve associated with a therapy of interest, said method comprising the steps of:

mapping each of the output patterns on the viral diffusion curve;

determining a degree of convergence between the mapped coordinates on the viral diffusion curves; and

determining the viral load level based upon the degree of convergence.

ADD C2